IN THE CLAIMS:

Please cancel Claims 2 and 4 without prejudice or disclaimer of the subject matter recited therein.

Please amend Claims 1, 18, and 29 as follows.

1. (Currently Amended) A user interface apparatus comprising:

a first sensor attached to a first portion of a body of a user, wherein the first portion is a head and wherein said first sensor detects a position and a posture [orientation] of the head;

a second sensor attached to a second portion of the user, which is different from the first portion;

an estimating unit arranged to estimate a relative position of the second portion with respect to the first portion in accordance with results of detection by said first and second sensors;

a generation unit arranged to generate action information on the basis of a transition of the estimated relative position and the position and posture of the first portion;

a determination unit arranged to determine a user instruction corresponding to the generated action information; and

an image generating unit arranged to generate an image on the basis of said user instruction.

2. (Canceled)

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3. (Previously Presented) The apparatus according to claim 2, wherein the second portion is a hand.

4. (Canceled)

5. (Original) The apparatus according to claim 1, wherein said second sensor detects a location and posture of the second portion.

6. (Original) The apparatus according to claim 1, wherein the action information includes information which pertains to a state change of the second portion with respect to a location of the first portion, and information which pertains to a location change velocity of the state change.

7. (Previously Presented) The apparatus according to claim 1, wherein the action information includes information which pertains to a state change of the second portion with respect to a location or a location and posture of the first portion, and information which pertains to a location change acceleration of the state change.

8. (Original) The apparatus according to claim 1, wherein the action information includes information which pertains to a posture of the second portion with respect to a posture of the first portion.

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9. (Original) The apparatus according to claim 1, wherein the action information includes information which pertains to a moving direction of a location of the second portion with respect to a posture of the first portion.

10. (Original) The apparatus according to claim 1, further comprising:

means for storing a value of the relative position of the second portion with respect to the first portion, and a plurality of state values which are defined in advance as a result of transition of the value; and

means for storing a plurality of different user instruction values corresponding to the plurality of state values.

11. (Previously Presented) The apparatus according to claim 1, wherein said determination unit decomposes the determined user instruction into a plurality of instruction operands, and outputs the operands.

12. (Canceled)

13. (Original) The apparatus according to claim 1, further comprising a third sensor for detecting a bent angle of a finger.

14. (Canceled)

15. (Canceled)

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16. (Previously Presented) The apparatus according to claim 1, further comprising a head-mounted display for displaying the image generated by said image generating unit.

17. (Canceled)

18. (Currently Amended) A user interface method for outputting a user instruction to a predetermined apparatus or program, comprising:

the step of detecting a location of a first portion of a body of a user and a location of a second portion of the user, which is different from the first portion, by using first and second sensors attached to the user, wherein the first portion is a head and wherein the first sensor detects a position and a posture of the head;

the step of estimating a relative position of the second portion with respect to the first portion in accordance with results of detection by the first and second sensors in said detecting step;

the step of generating action information on the basis of a transition of the estimated relative position and the position and posture of the first portion; and

the step of determining a user instruction corresponding to the generated action information and outputting the determined user instruction to the apparatus or program.

19. - 28. (Canceled)

29. (Currently Amended) A computer readable storage medium, which stores a program of a user interface method for outputting a user instruction to a predetermined apparatus or program, storing:

a program step of detecting a location of a first portion of a body of a user and a location of a second portion of the user, which is different from the first portion, by using first and second sensors attached to the user, where the first portion is a head and wherein the first sensor detects a position and a posture of the head;

a program step of estimating a relative position of the second portion with respect to the first portion in accordance with results of detection by the first and second sensors in said program step of detecting;

a program step of generating action information on the basis of a transition of the estimated relative position and the position and posutre of the first portion; and

a program step of determining a user instruction corresponding to the generated action information and outputting the determined user instruction to the apparatus or program.

30. - 58. (Canceled)